

08/25/03  
U.S. PTO

Transmitted herewith for filing is the Patent Application of:

Inventor: TAI MIN, PO KANG WANG

**MAGNETIC RANDOM ACCESS MEMORY DESIGNS WITH CONTROLLED MAGNETIC SWITCHING MECHANISM**

Enclosed are:

- ☒ 2 sheets of drawing(s) - formal.  
☒ An assignment of the invention to Headway Technologies, Inc.  
☐ An associate power of attorney ☐ Applicant claims small entity status  
☐ Request & Certification under 35 USC 122(b)(2)(b)(i)

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 750.
TOTAL CLAIMS	18 -20=	0	x 18 =	\$ 0.
INDEP CLAIMS	2 -3=	0	x 84 =	\$ 0.
SUB TOTAL				\$ 750.
ASSIGNMENT				\$40.
TOTAL				\$ 790.

- ☒ Please charge my Deposit Account No. 19-0033 in the amount of \$ 790. A duplicate copy of this sheet is enclosed.  
☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0033. A duplicate copy of this sheet is enclosed.  
☒ Any additional filing fees required under 37 CFR §1.16.  
☒ Any patent application processing fees under 37 CFR §1.17.

Respectfully submitted,

STEPHEN E. ACKERMAN, REG. NO. 37,761

**EXPRESS MAIL CERTIFICATE**

Express Mail No. EV319113585US

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to Assistant Commissioner of Patents, Alexandria, VA, 22313-1450. Applicant and/or Attorney requests the date of deposit as the Filing Date.

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10/647716  
08/25/03

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

08/27/2003 WABRMM1 00000070 190033 10647716

01 FC:1001 750.00 DA

12/11/2003 TLWJ11 00000001 190033 10647716

01 FC:1202 144.00 DA  
02 FC:1203 280.00 DA

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